

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	67	"5,434,100" "5,647,917" "2750331" "2001189278" "9278582" "3129112" "2002229796" "692278"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 07:11
S4	13	"02750331" "09278582" "03129112" "02229796" "06092278"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/01 07:20
S5	1	10/593036.app.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/17 17:52
S6	5	(US-5434100-\$ or US-5647917-\$).did. or (JP-02229796-\$ or JP-09278582-\$ or JP-2001189278-\$).did.	USPAT; JPO	OR	ON	2009/03/05 15:59
S8	0	S6 and chamf\$7	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:00
S7	0	S6 and haze	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:00
S12	1	S6 and laser	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:02

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S11	0	S6 and argon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:02
S10	0	S6 and he-ne	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:02
S9	0	S6 and "488"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:02
S14	763	haze and ("257" "438" "218").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:09
S17	191	haze same surface same roughness and ("257" "438" "218").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:10
S16	268	haze same surface and roughness and ("257" "438" "218").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:10
S15	511	haze same surface and ("257" "438" "218").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:10

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S18	146	haze near20 surface near20 roughness and ("257" "438" "218").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 16:11
S21	311	haze near10 surface near10 roughness and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 17:39
S20	360	haze near20 surface near20 roughness and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 17:39
S19	7968	haze and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 17:39
S22	24	haze near10 surface near10 roughness same epitax\$6 and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 17:40
S24	2	haze near10 ppm same surface near10 roughness and inp and epitax\$6 and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 17:58
S23	82486	haze near10 ppm same surface near10 roughness and inp epitax\$6 and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 17:58

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S25	13	InP same single same crystal same dislocation same density same (liquid same encapsulated same Czochralski "LEC")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 19:28
S26	64	InP same single same crystal and dislocation same density and (liquid same encapsulated same Czochralski "LEC")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 19:53
S27	37	InP same single same crystal same (liquid same encapsulated same Czochralski "LEC") and dislocation near5 density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 19:54
S28	40	(indium near2 phosphide InP) same (mono single)near2 crystal same (liquid same encapsulated same Czochralski "LEC") and dislocation near5 density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 20:11
S29	3	S28 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 20:12
S31	12	S30 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 20:16
S30	52	(indium near2 phosphide InP) same (liquid same encapsulated same Czochralski "LEC") and dislocation near5 density	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 20:16

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S32	7	(indium near2 phosphide InP) same (liquid same encapsulated same Czochralski "LEC") and dislocation near5 density same polish\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 20:38
S33	4	polish\$5 near10 haze near10 ppm and ("428" "438" "257").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 21:40
S35	3	(indium near2 phosphide InP) same polish\$6 same haze	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 21:43
S34	43926	(indium near2 phosphide InP) same polish\$6 haze	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 21:43
S36	2	(indium near2 phosphide InP) and polish\$6 same haze same ppm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 21:47
S37	2	(indium near2 phosphide InP) and reduce same haze same ppm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 21:48
S38	15	(indium near2 phosphide InP) and haze near10 ppm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 21:52

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S41	9	haze same characterize same surface same roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 22:23
S42	70	haze same ppm same surface same roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 22:28
S43	46	haze same ppm same surface same roughness and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 22:29
S44	12	InP and haze same ppm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:04
S45	17	(indium near2 phosphide indium-phosphide InP) and haze same ppm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:20
S48	4	(haze near1 free haze-free) and(indium-phosphide indium near1 phosphide InP)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:36
S51	274	scattering adj5 function adj5 wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:44

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S50	358	scattering adj10 function adj10 wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:44
S49	762	scattering near10 function near10 wavelength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:44
S52	3	scattering adj5 function adj5 wavelength same surface near2 roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:45
S54	31	scattering adj10 function adj10 wavelength and surface near2 roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:48
S53	3	scattering adj10 function adj10 wavelength same surface near2 roughness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/07 19:48
S55	21	(indium near1 phosphide indium-phosphide InP) same (liquid near2 encapsulated near2 Czochralski LEC) same (benefic\$5 advantag\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 11:39
S57	0	huber near5 etch\$5 same (advantag\$6 benefic\$6) and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 11:58

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S56	0	huber near1 etch\$5 same (advantag\$6 benefic\$6) and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 11:58	
S58	1	huber near5 etch\$5 and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 11:59	
S60	6	(huber-etch\$6 huber near5 etch\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 12:00	
S59	1	(huber-etch\$6 huber near5 etch\$5) and ("257" "438" "428").clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 12:00	
S61	24	(indium near1 phosphide indium-phosphide InP) same (liquid near2 encapsulated near2 Czochralski LEC) same large	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 12:15	
S62	25	(reduc\$5 decreas\$5) adj10 haze adj10 (polish\$5 mirro near1 finish\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 13:46	
S63	2		"5772907"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/28 15:22
S64	2	("4428795" "4686001").PN. OR ("5772907").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/28 15:25	

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S68	3	lattice near1 constant near1 inp near3 nm and "257".cls.	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/28 15:29
S69	20	lattice near1 constant same inp same ("<001>" [001])	US_PGPUB; USPAT; USOCR	OR	ON	2009/09/28 16:00
S70	6	inp same mirror near5 (polish\$4 finish\$4) same rough\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:41
S71	1	inp same mirror same rough\$5 near10 (nm angstrom)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:50
S72	24	inp same rough\$5 near5 surface near10 (nm angstrom)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/29 13:53
S73	1	nakamura and masashi and base and plate and tear	JPO	OR	ON	2009/09/29 17:24
S75	61	428/688,704.cls. and (inp indium near2 phosphide)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/18 10:17
S76	32	(257/615,e29.089 428/688,704 423/299).ccls. and (inp indium near2 phosphide) same substrate same (rough\$5 dislocat\$5)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/18 10:24
S77	10	(257/615,e29.089 428/688,704 423/299).ccls. and ((inp indium near2 phosphide) and substrate and (rough\$5 dislocat\$5)).clm.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/18 10:27

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S78	36	(InP indium near1 phosphide) near5 (diameter radius size) near5 (three "3") near5 inch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/18 13:28
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EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S79	10	(257/615,e29.089 428/688,704 423/299). ccls. and ((inp indium near2 phosphide) and substrate and (rough\$5 dislocat\$5)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/07/18 10:28